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P1550

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Signature: Shirley Fajardo

PATENT  
Docket No. P1550

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): GORDON A. DRESSLER  
SERIAL NO.: 10/698,847 EXAMINER: UNKNOWN  
FILED: OCTOBER 30, 2003 ART UNIT: 3644  
FOR: SYSTEM AND METHOD FOR AN AMBIENT ATMOSPHERE  
ION THRUSTER

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TRANSMITTAL LETTER

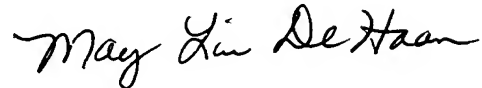
Dear Sir:

In connection with the above-referenced patent application, transmitted herewith are the following:

1. Information Disclosure Statement (1 page);
2. Information Disclosure Statement by Applicant Form PTO-1449 (1 page);
3. Copy of Reference No. 1 (10 pages);
4. Copy of Reference No. 2 (17 pages);
5. Copy of Reference No. 3 (12 pages);
6. Copy of Reference No. 4 (3 pages); and
7. Post card in acknowledgment of receipt of all transmitted material.

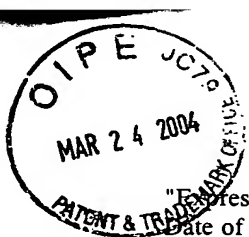
Please date stamp and return the enclosed post card to the undersigned in acknowledgment of receipt of all transmitted materials.

Respectfully submitted,



May Lin DeHaan  
Reg. No. 42,472

MLD/pa  
Date: March 24, 2004  
LARIVIERE, GRUBMAN & PAYNE, LLP  
P.O. Box 3140  
Monterey, CA 93942-3140  
(831) 649-8800



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**INFORMATION DISCLOSURE STATEMENT**

Applicant hereby makes available the references listed on the enclosed form PTO-1449, Information Disclosure Statement by Applicant to assist the Patent and Trademark Office in its examination of this application.

The disclosure of the references does not constitute an admission that they are relevant or material to the claims or are "prior art" to the subject application. No representation is made that better references do not exist.

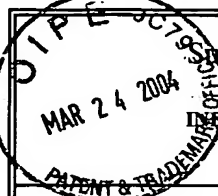
Complete copies of the references are enclosed.

Respectfully submitted,

*May Lin DeHaan*

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 <p>Substitute for FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> (Use several sheets if necessary)</p>		Application Number		10/698,847	
		Filing Date		October 30, 2003	
		First Named Inventor		Gordon A. Dressler	
		Attorney Docket No.		P1550	
Sheet 1 of 1					
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Cite No.	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials'	Cite No.	Foreign Patent Document Office Number Code	Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appears
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials'	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	1	T.J. McGuire and R.J. Sedwick, "Aero-Assisted Orbital Transfer Vehicles Utilizing Atmosphere Ingestion", AIAA 2001-0840, 39 <sup>th</sup> AIAA Aerospace Sciences Meeting and Exhibit, 8-11 January 2001.			
	2	T. Cummings, et. al., "Microwave Power-Beaming Demonstration with 6-kV Rectenna and Ion-Breeze Thruster", AIAA 2003-4431, 39 <sup>th</sup> AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, 21-23 July 2003.			
	3	G. Primeau, "Magnetoaerodynamic (MAD) Propulsion for Exploration of Atmosphere-Bearing Planetary Bodies", AIAA 98-3408, 34 <sup>th</sup> AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, 13-15 July 1998.			
	4	Marshall H. Kaplan, "Modern Spacecraft Dynamics & Control", page 262, ISBN 0-471-45703-5, John Wiley & Sons, Inc. (1976).			
Examiner Signature:			Date Considered:		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					